Fig. 1

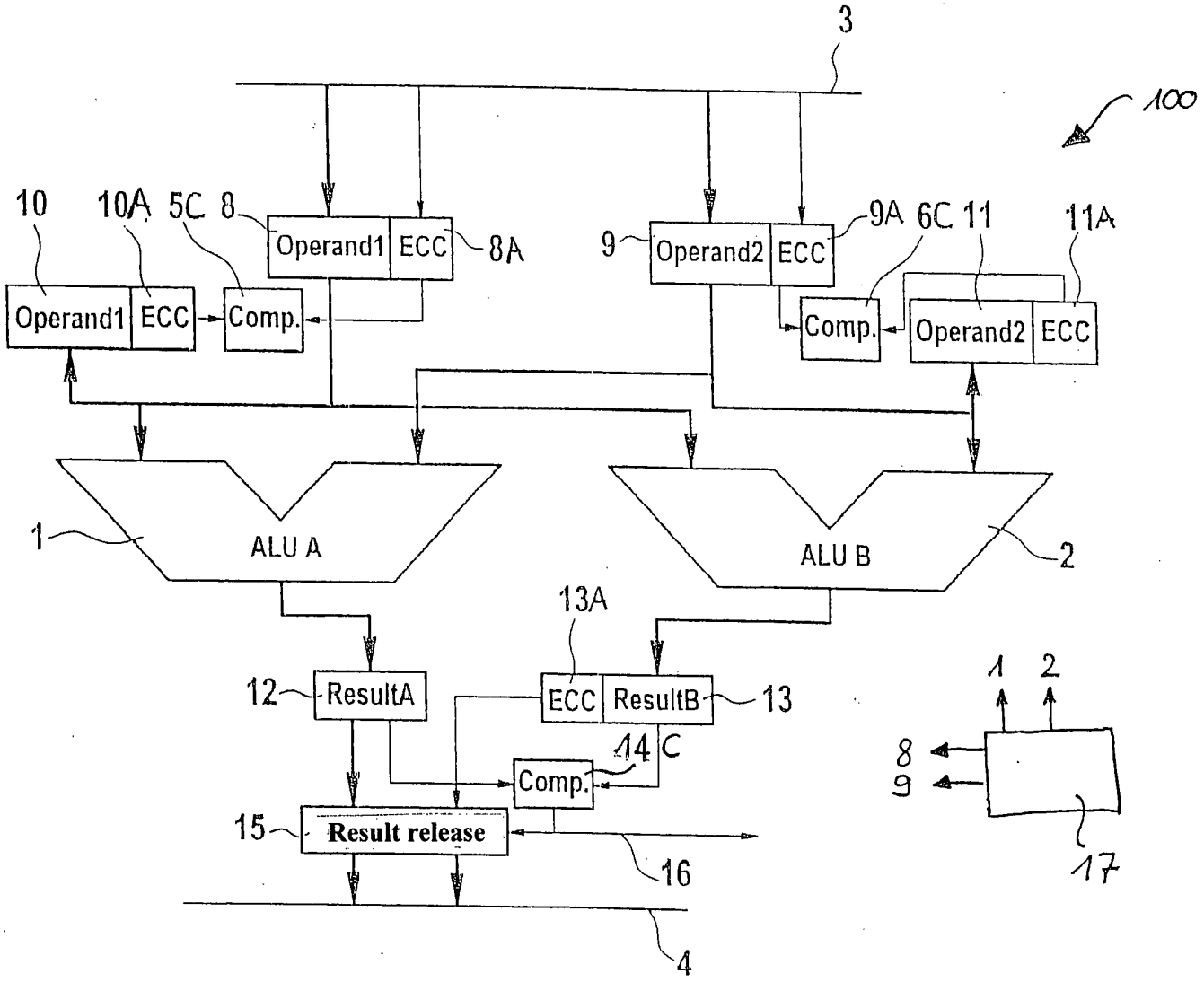
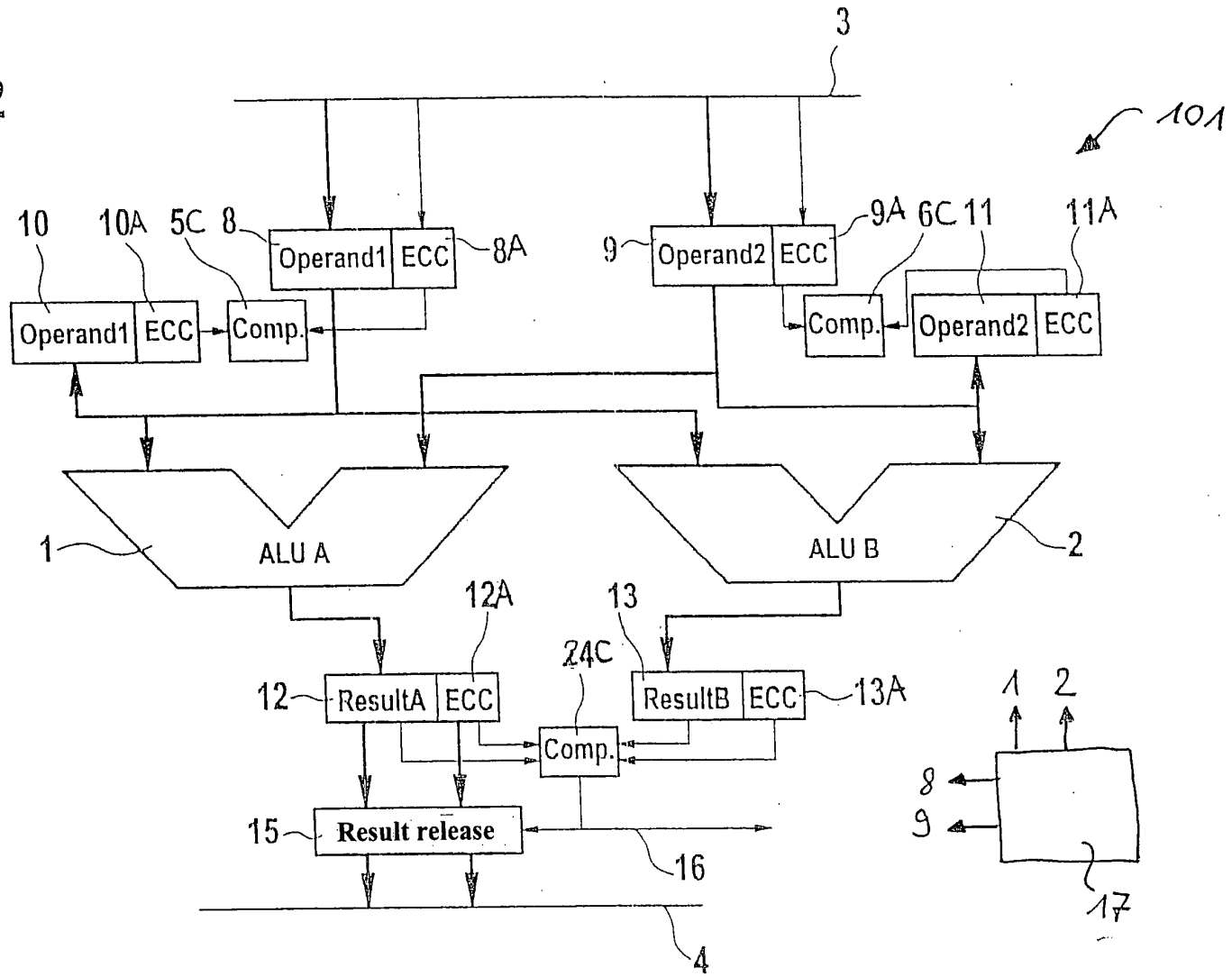

3
100
10
10A
5C
8
Operand1
ECC
8A
9
Operand2
ECC
9A
6C
11
11A
Operand1
ECC
Comp.
Comp.
Operand2
ECC
1
ALU A
ALU B
2
13A
12
ResultA
ECC
ResultB
13
14
C
Comp.
15
Result release
16
4
1
2
8
9
17

Fig. 2


3
101
10
10A
5C
8
Operand1
ECC
8A
9
Operand2
ECC
9A
6C
11
11A
Operand1
ECC
Comp.
Comp.
Operand2
ECC
1
ALU A
ALU B
2
12A
13
24C
12
ResultA
ECC
ResultB
ECC
13A
Comp.
15
Result release
16
4
1
2
8
9
17

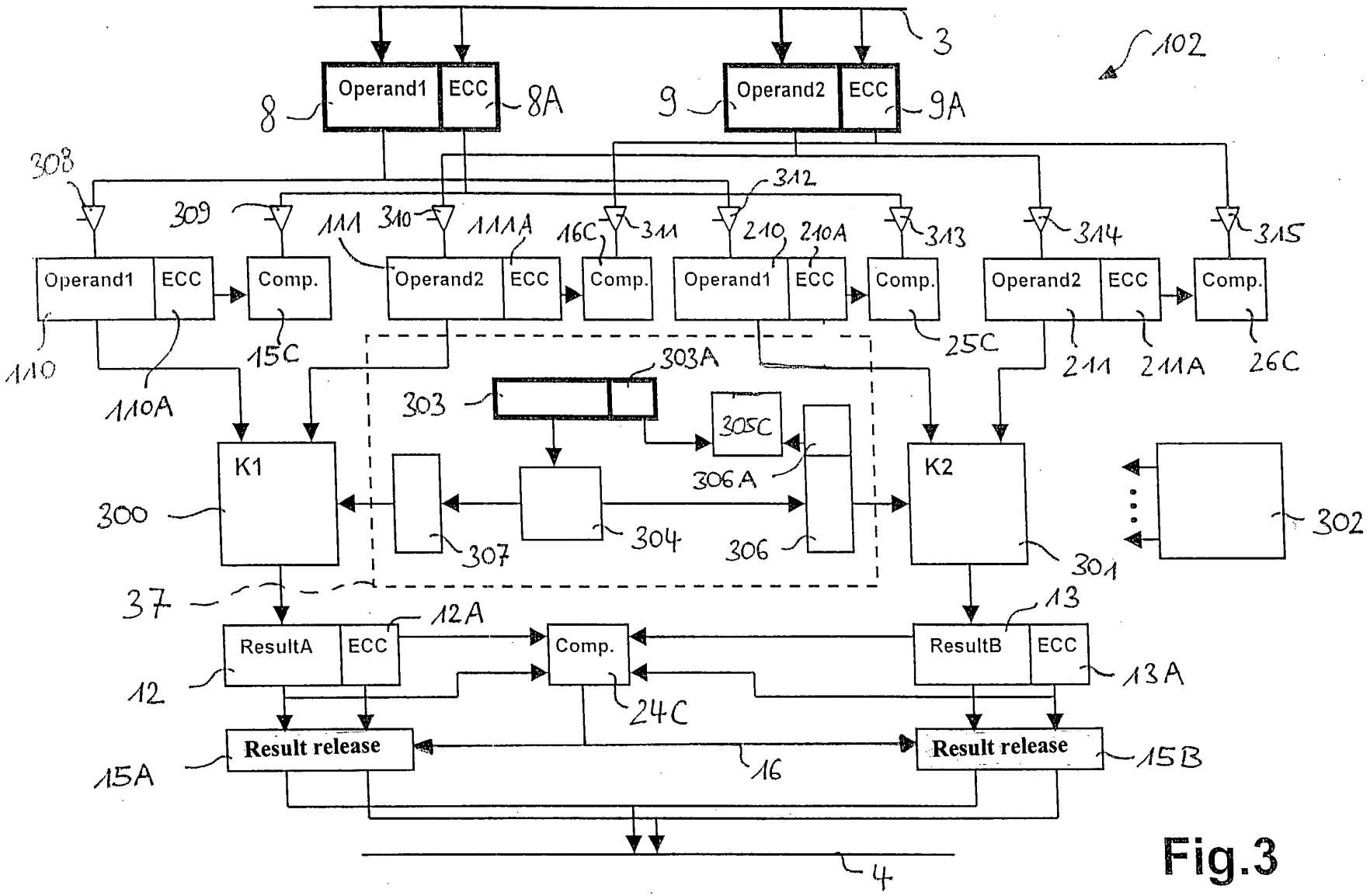

3
102
8
Operand1
ECC
8A
9
Operand2
ECC
9A
308
309
111
310
111A
16C
311
312
210
210A
313
314
315
Operand1
ECC
Comp.
Operand2
ECC
Comp.
Operand1
ECC
Comp.
Operand2
ECC
Comp.
110
110A
15C
25C
211
211A
26C
303A
303
305C
306A
K1
K2
300
307
304
306
301
302
37
12A
13
ResultA
ECC
Comp.
ResultB
ECC
12
24C
13A
Result release
Result release
15A
16
15B
4

Fig.3

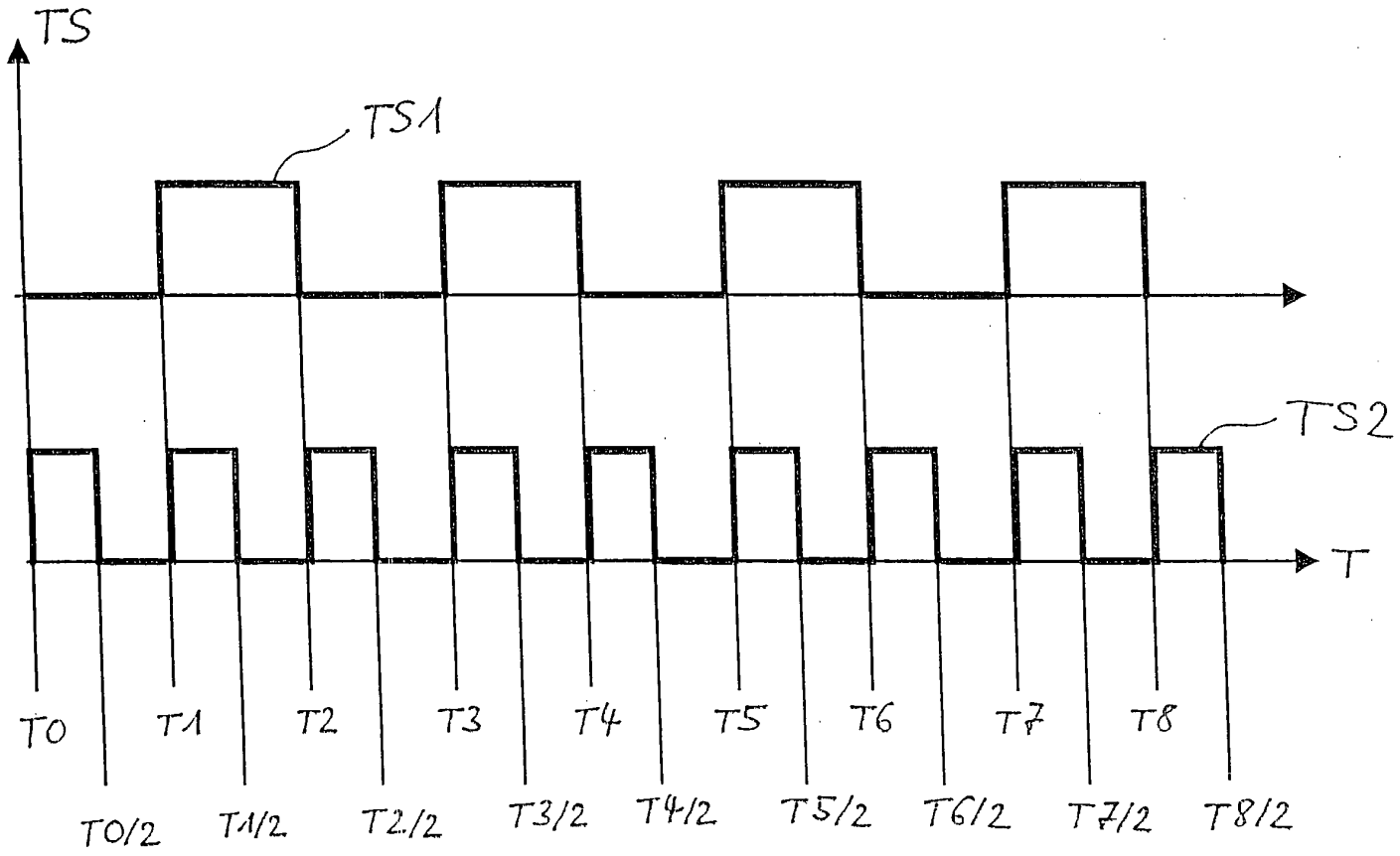

TS
TS1
TS2
T
T0
T1
T2
T3
T4
T5
T6
T7
T8
T0/2
T1/2
T2/2
T3/2
T4/2
T5/2
T6/2
T7/2
T8/2

Fig. 4

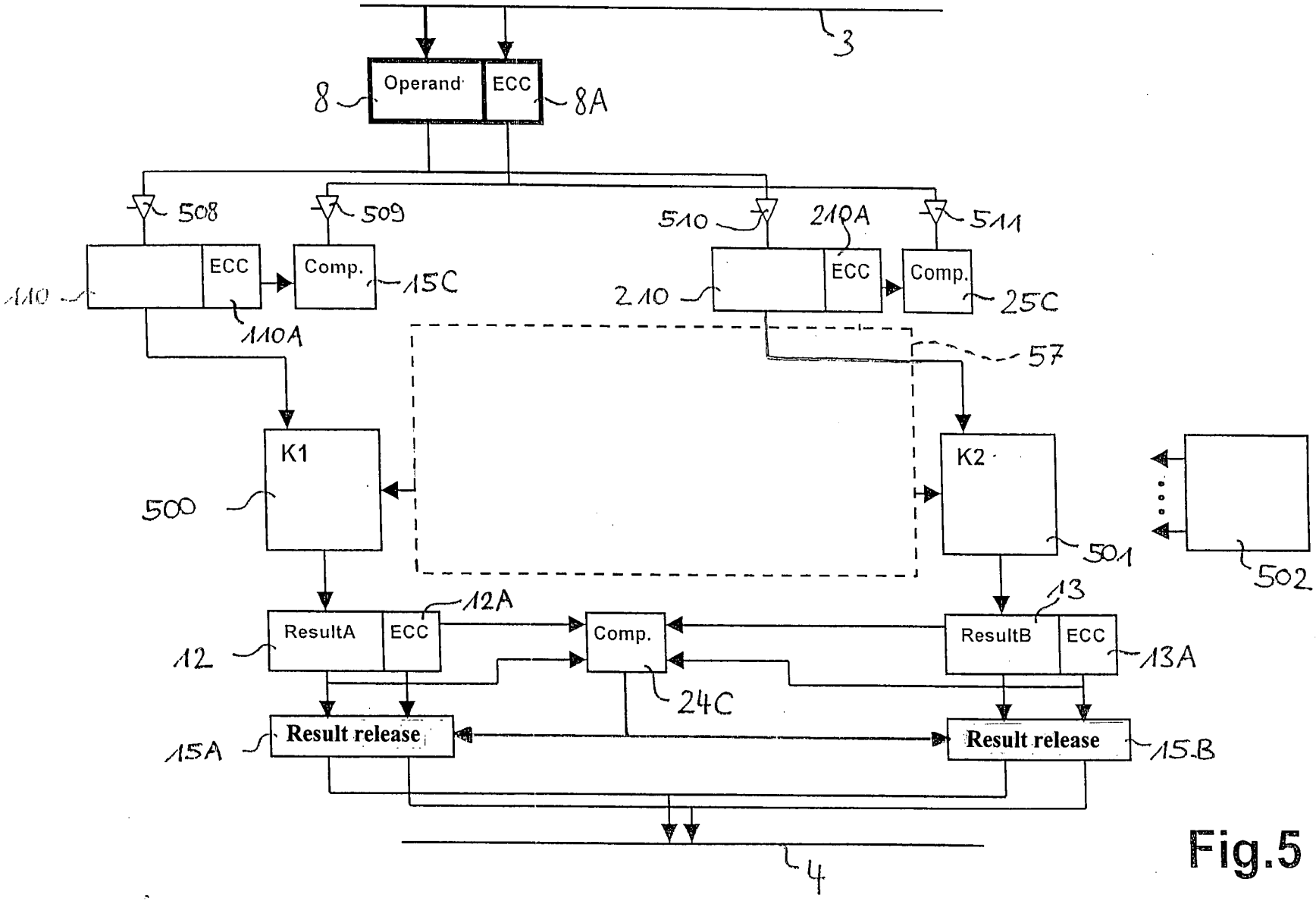

3
8
Operand
ECC
8A
508
509
510
210A
511
ECC
Comp.
15C
110
110A
ECC
Comp.
25C
210
57
K1
500
K2
501
502
12A
13
ResultA
ECC
12
Comp.
24C
ResultB
ECC
13A
Result release
15A
Result release
15B
4

Fig.5